

I CLAIM:

1           1.     The process of making images or other data from an image capturing  
2 device or other data capturing device or a combination thereof available to one or more  
3 authorized user, said capturing device having an electronically readable device serial  
4 number and cellular Internet communication capability, said capturing device  
5 (a) providing use information specifying said one or more authorized user of said  
6 images or other data, (b) capturing said images or other data, and (c) accessing the  
7 Internet with said cellular Internet communication capability for initiating the transmitting  
8 of said images or other data to a service provider associated with said device serial  
9 number, the process comprising:

10                 said service provider associating said device serial number and said use  
11                 information to provide said images or other data to said one or more  
12                 authorized user.

1           2.     The process of claim 1 wherein said capturing device deletes an image or  
2 other data responsive to its being transmitted using said capability.

3           3.     The process of making images or other data from an image capturing  
4 device or other data capturing device or a combination thereof available to one or more  
5 authorized user, said capturing device having an electronically readable device serial  
6 number and cellular Internet communication capability, said capturing device  
7 (a) providing use information specifying said one or more authorized user of said  
8 images or other data, (b) capturing said images or other data and (c) accessing a  
9 cellular service provider (CSP) or a personal communications service provider (PCSP)  
10 with said cellular Internet communication capability for initiating the transmitting of said  
11 images or other data to a service provider associated with said device serial number,  
12 the process comprising:

13                 said CSP or PCSP transmitting said prepared images or other data to an  
14                 application service provider (ASP) associated with said device serial  
15                 number to enable said ASP to associate said device serial number and

16                   said use information to provide to said set of authorized users said images  
17                   or other data.

1           4.       The process of claim 3 wherein said capturing device deletes an image or  
2           other data responsive to its being transmitted using said capability.

1           5.       An image capturing device or other data capturing device, or combination  
2           thereof, having cellular Internet capability and an apparatus to delete a captured image  
3           or other data after it is transmitted using said capability.

1           6.       An image capturing device or other data capturing device, or combination  
2           of the foregoing, having an electronically readable serial number and cellular Internet  
3           access capability connectable through a cellular Internet accessible PDA for initiating  
4           the transmission of said images or other data to one or more authorized user by an  
5           Internet service provider, said PDA running software providing instructions for operating  
6           on said images or other data during their transmission to said one or more authorized  
7           user.

1           7.       The device of claim 6 wherein said instructions are provided by cellular  
2           Internet access or by satellite access.

1           8.       The device of claim 7 wherein said device captures images or other data  
2           for parcel delivery applications, for public safety applications, for public utility  
3           applications, or a combination of any of the foregoing.

1           9.       The device of claim 5 wherein said image or other data, or combination  
2           thereof, is captured without the use of a human at the site and time of said capture.

1           10.      The device of claim 6 wherein said device is a disposable camera.

1           11.      An image capturing device or other data capturing device, or combination  
2           of the foregoing, having an electronically readable serial number and cellular Internet  
3           access capability connectable through a cellular Internet accessible PDA for  
4           transmitting said images or other data to a CSP or a PCSP, said PDA running software  
5           providing said CSP or PCSP with instructions for operating on said images or other

6 data.

1 12. The device of claim 11 wherein said instructions are provided to said CSP  
2 or PCSP over cellular Internet access or by satellite access.

1 13. The device of claim 11 wherein said device captures images or other data  
2 for parcel delivery applications, for public safety applications, for public utility  
3 applications, or a combination of the foregoing.

1 14. The device of claim 12 wherein said image or other data, or combination  
2 there, is captured without the use of a human at the site and time of said capture.

1 15. A PDA having cellular Internet access capability for receiving images or  
2 other data from a device also having cellular Internet access capability, said images or  
3 other data having been captured by said device, said PDA using its cellular Internet  
4 access capability for transmitting said images or other data over the Internet for delivery  
5 to one or more authorized user, said PDA running software providing instructions for  
6 operating on said images or other data during such delivery.

1 16. The PDA of claim 15 wherein said images or other data relate to parcel  
2 delivery applications, to public safety applications, to public utility applications, or to a  
3 combination of the foregoing.

1 17. The PDA of claim 16 wherein said image or other data, or combination  
2 thereof, is captured without the use of a human at the site and time of said capture.

1 18. A PDA having cellular Internet access capability for receiving images or  
2 other data from a device also having cellular Internet access capability, said images or  
3 other data having been captured by said device, said PDA using its cellular Internet  
4 access capability for transmitting said images or other data to a CSP or a PCSP, said  
5 PDA running software providing said CSP or PCSP with instructions for operating on  
6 said images or other data.

1 19. The PDA of claim 18 wherein said instructions are provided to said CSP or  
2 PCSP over cellular Internet access or by satellite access.

1           20.    The PDA of claim 19 wherein said images or other data relate to parcel  
2 delivery applications, to public safety applications, to public utility applications, or to a  
3 combination of the foregoing.

1           21.    The PDA of claim 20 wherein said image or other data, or combination  
2 thereof, is captured without the use of a human at the site and time of said capture.

1           22.    The PDA of claim 18 wherein said device is a disposable camera.

1           23.    A business process comprising:

2                   a manufacturer of an image capturing device or other data capturing  
3 device, or combination thereof,

4                               said device having an electronically readable device serial number  
5                               and cellular Internet communication capability for accessing the  
6                               Internet to initiate delivery of said images or other data by a service  
7                               provider to an authorized user,

8                               entering into a business arrangement providing for said service provider  
9                               receiving a predetermined amount of revenue for each said device sold as  
10                              at least partial compensation for providing said images or other data to  
11                              said authorized user.

1           24.    The process of claim 23, said business arrangement further providing that  
2 said service provider will receive tail-end revenues, ongoing revenues, or a combination  
3 thereof, for customized or additional functionality sold to authorized users or other users  
4 by or for said service provider.

1           25.    A business process comprising:

2                   a manufacturer of an image capturing device or other data capturing  
3 device, or combination thereof,

4                               said device having an electronically readable device serial number

5 and cellular Internet communication capability for accessing with  
6 said capability a CSP or PCSP for delivery of said images or other  
7 data to one or more authorized user,

8 entering into a business arrangement providing for said CSP or PCSP  
9 receiving a predetermined amount of revenue for each said device sold as  
10 at least partial compensation for providing said images or other data to an  
11 ASP.

12 26. The business process of claim 25 further including also providing for said  
13 ASP receiving a predetermined amount of revenue as at least partial consideration for  
14 providing said images or other data to said one or more authorized user.

1 27. The process of claim 25, said business arrangement further providing that  
2 said ASP will receive tail-end revenues, ongoing revenues, or a combination thereof, for  
3 customized or additional functionality sold to authorized users or other users by or for  
4 said ASP.

1 28. A billing arrangement process for a business accepting images or other  
2 data from a device having an electronically readable device serial number and cellular  
3 Internet communication capability for accessing the Internet with said capability to  
4 initiate delivery of said images or other data to an authorized user by a service provider,  
5 said business arrangement comprising:

6 the manufacturer or seller of said device agreeing that said service  
7 provider will provide billing services to the user of said device by prepaid,  
8 direct or credit card billing.

1 29. The billing arrangement of claim 28 further including billing information,  
2 account status, data access or a combination of the foregoing being displayed at a  
3 website authorized for use by the user of said device.

1 30. A billing arrangement process for a business accepting images or other  
2 data from a device having an electronically readable device serial number and cellular

Internet communication capability for accessing with said capability a CSP or PCSP for delivery of said images or other data to an authorized user by an ASP, said business arrangement comprising:

the manufacturer or seller of said device agreeing with said CSP or PCSP that an ASP will provide billing services to the user of said device by prepaid, direct or credit card billing.

31. The billing arrangement process of claim 30 further including billing information, account status, data access or a combination of the foregoing being displayed at a website authorized for use by the user of said device.

32. The process of aggregating into one information feed multiple data streams of images or data, or a combination thereof, received via cellular Internet transmission from a plurality of devices each having an electronically readable device serial number and cellular Internet communication capability for initiating delivery of said images or other data to a service provider,

said one information feed being displayed for at least authorized user by said service provider.

33. The process of a CSP or PCSP aggregating into one information feed multiple data streams of images or data, or a combination thereof received via cellular Internet transmission from a plurality of devices each having an electronically readable device serial number and cellular Internet communication capability for initiating delivery of said images or other data to an ASP,

said one information feed being displayed for an authorized user by said ASP.

34. The process of an ASP aggregating into one information feed multiple data streams of images or data, or a combination thereof received via cellular Internet transmission from a plurality of devices each having an electronically readable device serial number and cellular Internet communication capability for initiating delivery of said images or other data to an ASP,

6           said one information feed being displayed for one or more authorized user by  
7   said ASP.

1           35.    The process of claim 1 wherein said images or other data are displayed in  
2   a parcel delivery application wherein parcel delivery persons capture parcel delivery  
3   images or other data by said devices for display for one or more authorized user, a  
4   newspaper reporter application in which reporters use said devices for capturing images  
5   or other data and writing news stories for interactive use by an editorial staff, or public  
6   safety applications in which public safety officers use said devices to capture images or  
7   other data for display for public safety situations, or meter reading applications in which  
8   meter readers use said devices for capturing images or data for displaying meter  
9   readings.

1           36.    The process of claim 35 wherein said ASP bills the organization whose  
2   employees use said devices, said billing being on a per unit of time used basis, a per  
3   amount of data transferred basis, a per bandwidth used basis, a flat monthly device fee  
4   basis, or a combination of the foregoing.

1           37.    The process of aggregating into one information feed multiple data  
2   streams of fragmentary data received via cellular Internet transmission from a plurality  
3   of devices each having an electronically readable device serial number and cellular  
4   Internet communication capability for initiating delivery of said images or other data to a  
5   service provider,

6           said one information feed being displayed using an XML or other agreed protocol  
7           data feed for displaying said images or other data to one or more authorized  
8           user by said service provider.

1           38.    The process of a CSP or PCSP aggregating into one information feed  
2   multiple data streams of fragmentary data received via cellular Internet transmission  
3   from a plurality of devices each having an electronically readable device serial number  
4   and cellular Internet communication capability for accessing with said capability a CSP  
5   or PCSP for delivery of said images or other data to an ASP,

said one information feed being displayed using an XML or other agreed protocol data feed for displaying said images or other data to an authorized user by said ASP.

39. The process of an ASP aggregating into one information feed multiple data streams of fragmentary data received via Internet transmission from a plurality of devices each having an electronically readable device serial number and cellular Internet communication capability for accessing with said capability a CSP or PCSP for delivery of said images or other data to an ASP,

said one information feed being displayed using an XML or other agreed protocol data feed for displaying said images or other data to one or more authorized user by said ASP.

40. The process of making images or other data from an image capturing device or other data capturing device, or a combination thereof available to one or more authorized user, said capturing device capturing said images or other data, said capturing device having an electronically readable device serial number and cellular Internet communication capability, the process using use information specifying one or more authorized user of said images or other data, said process comprising:

accepting accessing from said capturing device via said cellular Internet capability and recognizing it as a call communicating said images or other data to be provided to a set of authorized users, preparing said images or other data for transmission to said set of authorized users, said process including using said device serial number for preparing said images or other data for transmission; and

transmitting said prepared images or other data to a service provider associated with said device serial number for enabling said service provider to associate said device serial number and said use information to provide to said set of authorized users said images or other data.

41. The process of claim 40 wherein said capturing device deletes an image



2 responsive to its communication over the Internet.

1 42. The process of making images or other data from an image capturing  
2 device or other data capturing device, or a combination thereof available to one or more  
3 authorized user, said capturing device having an electronically readable device serial  
4 number and cellular Internet communication capability, the process using use  
5 information specifying said one or more authorized users of said images or other data,  
6 said process comprising:

7 an ASP receiving from a CSP or a PCSP said images or other data that  
8 are provided to said CSP or PCSP as a call from said capturing device  
9 using said capability, said ASP associating said serial number and said  
10 use information to provide said images or other data to said one or more  
11 authorized user.

1 43. The process of claim 42 wherein said capturing device deletes an image  
2 or other data responsive to its being provided to said CSP or PCSP.

1 44. The process of making images or other data from an image capturing  
2 device or other data capturing device, or a combination thereof available to one or more  
3 authorized user, said capturing device capturing said images or other data, said  
4 capturing device having an electronically readable device serial number and cellular  
5 Internet communication capability, the process using use information specifying one or  
6 more authorized user of said images or other data, said process comprising:

7 a CSP or a PCSP (a) accepting accessing from said capturing device and  
8 recognizing it as a call communicating said images or other data to be  
9 provided to said one or more authorized user and (b) preparing said  
10 images or other data for transmission to said one or more authorized user,  
11 said process including using said device serial number for preparing said  
12 images or data for transmission; and

13 said CSP or said PCSP transmitting said prepared images or other data to  
14 an ASP associated with said device serial number for enabling said ASP

15                   to associate said device serial number and said use information to provide  
16                   to said one or more authorized user said images or other data.

1           45.    The process of claim 44 wherein said capturing device deletes an image  
2   responsive to its communication to said CSP or PCSP.